

Catalog #	Type	Type
Project		
Comments		Date
Prepared by		

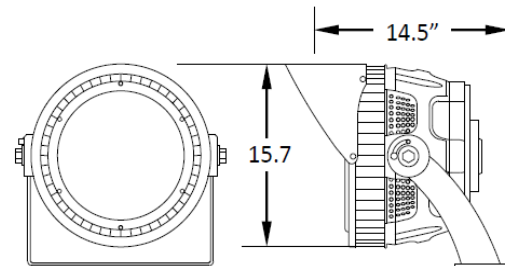
WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°F).
- IP66 rated for ingress protection.
- Complies with FCC Part 15, class B.
- Complies with EN61000-4-2, surge immunity protection (2kV).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

*Contact factory for other color temperatures and lumen packages.

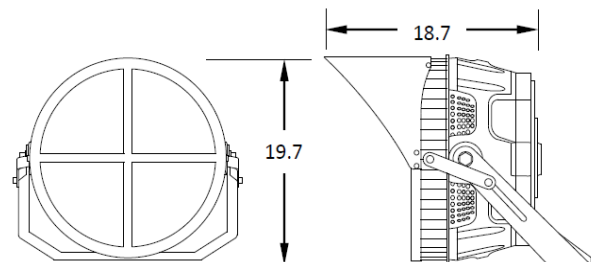
**L70hours are IES TM-21-11 calculated hours.

IL- SDM-39L, IL- SDM-50L, & IL- SDM-64L Models (Weight: 36 lbs.)



IL- SDM-77L & IL- SDM-98L Models (Weight: 66 lbs.)

IL-SDM-163L Model (Weight: 72 lbs.)



Certification Information

			
3000K	4000K	5000K	5700K

FEATURES

- Available in 5000k (cool white) color temperature.*
- Long-life LEDs provide 372,000 hours of operation with at least 70% of initial lumen output (L70), and 103,000 hours with at least 90% of initial lumen output (L90).**
- LED chromaticity based on <7-step ANSI quadrangles.
- LED color maintenance <0.002 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Provides 5,444 lumens and draws 39 watts (140 lumens per watt).*
- Universal 120-277 AC voltage (50-60Hz).
- 0-10vdc dimming drivers are standard.
- Power factor >0.90.
- Total harmonic distortion <20%.
- Color rendering index (Ra) >70. Red color rendering > -36.
- NEMA photocell receptable & photocell are standard.
- Die cast aluminum housing with silver powder coat finish.
- Polycarbonate lens.
- Easy installation in new construction or retrofit.

ORDERING INFORMATION

Model	Nominal Lumen Output	Color Temperature	Input Voltage	NEMA Distribution Type	Mounting Options	AC Power Cord Option	Accessories (Order Separately)
IL- SDM	39L- 39,000 lumens 50L- 50,000 lumens 64L- 64,000 lumens 77L- 77,000 lumens 98L- 98,000 lumens 163L- 163,000 lumens	3K- 3000k 4K- 4000k 5K- 5000k 57K- 5700k	Blank- 120-277V UNC- 200-480V	3X3*- 3 Horizontal x 3 Vertical 5X5*- 5 Horizontal x 5 Vertical Note: Type 3x3 distribution is available on 77L, 98L and 163L, and type 5x5 is available on 39L, 50L & 64L.	RMB- Rotating Mounting Bracket Blank- Standard Wall Bracket	82C3- 25-meter AC power cord - 3-conductor Blank- Standard AC Power Cord	SDM-LAD Laser Aiming Device

ELECTRICAL DATA

Model	CCT	CRI1	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage2	Input Current (A)			Power Factor	THD3	L70Hours4
							120V	240V	277V			
120-277V Models												
IL-SDM-39L-3K-5X5	3000k	> 80	39,279	305	129	120-277	2.54	1.27	1.10	> 90%	< 20%	145,000
IL-SDM-39L-4K-5X5	4000k	> 80	39,881	305	131	120-277	2.54	1.27	1.10	> 90%	< 20%	145,000
IL-SDM-39L-5K-5X5	5000k	> 80	40,483	305	133	120-277	2.54	1.27	1.10	> 90%	< 20%	145,000
IL-SDM-39L-57K-5X5	5700k	> 80	40,784	306	134	120-277	2.55	1.27	1.10	> 90%	< 20%	145,000
IL-SDM-50L-3K-5X5	3000k	> 80	49,751	404	123	120-277	3.36	1.68	1.46	> 90%	< 20%	145,000
IL-SDM-50L-4K-5X5	4000k	> 80	50,643	404	125	120-277	3.37	1.68	1.46	> 90%	< 20%	145,000
IL-SDM-50L-5K-5X5	5000k	> 80	51,534	404	128	120-277	3.37	1.68	1.46	> 90%	< 20%	145,000
IL-SDM-50L-57K-5X5	5700k	> 80	51,980	404	129	120-277	3.37	1.68	1.46	> 90%	< 20%	145,000
IL-SDM-64L-3K-5X5	3000k	> 80	63,794	504	127	120-277	4.20	2.10	1.82	> 90%	< 20%	145,000
IL-SDM-64L-4K-5X5	4000k	> 80	65,040	505	129	120-277	4.21	2.11	1.82	> 90%	< 20%	145,000
IL-SDM-64L-5K-5X5	5000k	> 80	66,286	505	131	120-277	4.21	2.11	1.82	> 90%	< 20%	145,000
IL-SDM-64L-57K-5X5	5700k	> 80	66,909	507	132	120-277	4.22	2.11	1.83	> 90%	< 20%	145,000
IL-SDM-77L-3K-3X3	3000k	> 70	76,825	605	127	120-277	5.05	2.52	2.19	> 90%	< 20%	418,000
IL-SDM-77L-4K-3X3	4000k	> 70	78,256	606	129	120-277	5.05	2.52	2.19	> 90%	< 20%	418,000
IL-SDM-77L-5K-3X3	5000k	> 70	79,687	606	132	120-277	5.05	2.52	2.19	> 90%	< 20%	418,000
IL-SDM-77L-57K-3X3	5700k	> 70	80,403	606	133	120-277	5.05	2.52	2.19	> 90%	< 20%	418,000
IL-SDM-98L-3K-3X3	3000k	> 70	109,690	768	143	120-277	6.40	3.20	2.77	> 90%	< 20%	139,000
IL-SDM-98L-4K-3X3	4000k	> 70	112,936	768	147	120-277	6.40	3.20	2.77	> 90%	< 20%	139,000
IL-SDM-98L-5K-3X3	5000k	> 70	116,182	768	151	120-277	6.40	3.20	2.77	> 90%	< 20%	139,000
IL-SDM-98L-57K-3X3	5700k	> 70	117,805	768	153	120-277	6.41	3.20	2.78	> 90%	< 20%	139,000
IL-SDM-163L-3K-3X3	3000k	> 70	137,211	1,199	114	120-277	10.00	5.00	4.33	> 90%	< 20%	374,000
IL-SDM-163L-4K-3X3	4000k	> 70	149,355	1,196	125	120-277	9.97	4.98	4.32	> 90%	< 20%	374,000
IL-SDM-163L-5K-3X3	5000k	> 70	164,633	1,192	138	120-277	9.94	4.97	4.30	> 90%	< 20%	374,000
IL-SDM-163L-57K-3X3	5700k	> 70	172,272	1,189	145	120-277	9.91	4.95	4.29	> 90%	< 20%	374,000
200-480V Models							277V	347V	480V			
IL-SDM-39L-3K-UNC-5X5	3000k	> 80	39,393	307	128	200-480	1.11	0.88	0.64	> 90%	< 20%	145,000
IL-SDM-39L-4K-UNC-5X5	4000k	> 80	39,950	307	130	200-480	1.11	0.88	0.64	> 90%	< 20%	145,000
IL-SDM-39L-5K-UNC-5X5	5000k	> 80	40,507	307	132	200-480	1.11	0.88	0.64	> 90%	< 20%	145,000
IL-SDM-39L-57K-UNC-5X5	5700k	> 80	40,786	306	133	200-480	1.11	0.88	0.64	> 90%	< 20%	145,000
IL-SDM-50L-3K-UNC-5X5	3000k	> 80	49,786	403	124	200-480	1.45	1.16	0.84	> 90%	< 20%	145,000
IL-SDM-50L-4K-UNC-5X5	4000k	> 80	50,603	403	126	200-480	1.45	1.16	0.84	> 90%	< 20%	145,000
IL-SDM-50L-5K-UNC-5X5	5000k	> 80	51,419	403	128	200-480	1.45	1.16	0.84	> 90%	< 20%	145,000
IL-SDM-50L-57K-UNC-5X5	5700k	> 80	51,827	403	129	200-480	1.45	1.16	0.84	> 90%	< 20%	145,000
IL-SDM-64L-3K-UNC-5X5	3000k	> 80	63,994	505	127	200-480	1.82	1.46	1.05	> 90%	< 20%	145,000
IL-SDM-64L-4K-UNC-5X5	4000k	> 80	65,173	505	129	200-480	1.82	1.46	1.05	> 90%	< 20%	145,000
IL-SDM-64L-5K-UNC-5X5	5000k	> 80	66,352	505	131	200-480	1.82	1.46	1.05	> 90%	< 20%	145,000
IL-SDM-64L-57K-UNC-5X5	5700k	> 80	66,941	506	132	200-480	1.83	1.46	1.05	> 90%	< 20%	145,000
IL-SDM-77L-3K-UNC-3X3	3000k	> 70	76,600	604	127	200-480	2.18	1.74	1.26	> 90%	< 20%	421,000
IL-SDM-77L-4K-UNC-3X3	4000k	> 70	77,924	605	129	200-480	2.18	1.74	1.26	> 90%	< 20%	421,000
IL-SDM-77L-5K-UNC-3X3	5000k	> 70	79,247	605	131	200-480	2.18	1.74	1.26	> 90%	< 20%	421,000
IL-SDM-77L-57K-UNC-3X3	5700k	> 70	79,909	604	132	200-480	2.18	1.74	1.26	> 90%	< 20%	421,000
IL-SDM-98L-3K-UNC-3X3	3000k	> 70	109,505	765	143	200-480	2.76	2.20	1.59	> 90%	< 20%	139,000
IL-SDM-98L-4K-UNC-3X3	4000k	> 70	112,662	766	147	200-480	2.76	2.21	1.59	> 90%	< 20%	139,000
IL-SDM-98L-5K-UNC-3X3	5000k	> 70	115,819	766	151	200-480	2.76	2.21	1.59	> 90%	< 20%	139,000
IL-SDM-98L-57K-UNC-3X3	5700k	> 70	117,397	766	153	200-480	2.77	2.21	1.60	> 90%	< 20%	139,000
IL-SDM-163L-3K-UNC-3X3	3000k	> 70	137,599	1,190	116	200-480	4.30	3.43	2.48	> 90%	< 20%	368,000
IL-SDM-163L-4K-UNC-3X3	4000k	> 70	147,358	1,175	125	200-480	4.24	3.39	2.45	> 90%	< 20%	368,000
IL-SDM-163L-5K-UNC-3X3	5000k	> 70	162,157	1,174	138	200-480	4.24	3.38	2.45	> 90%	< 20%	368,000
IL-SDM-163L-57K-UNC-3X3	5700k	> 70	169,556	1,173	145	200-480	4.24	3.38	2.44	> 90%	< 20%	368,000

Due to continuous improvements, the information herein may be changed without notice